

operating parameters being related to at least one control parameter of said element, said method comprising:

receiving information relating to an operation of a first subset of the plurality of network elements;

providing at least a portion of said received information to at least one analysis entity for analyzing said portion of received data and calculating updated control information based on such analysis, wherein the updated control information specifies a limit on the operation of the at least one network element;

receiving the updated control information calculated by the analysis entity; and
providing the updated control information to at least one of the network elements.

40. (Amended Once) An adaptive feedback system in a data network, the network including a plurality of network elements, at least one network element having a plurality operating parameters associated therewith, said operating parameters being related to at least one control parameter of said element, the feedback system comprising:

one or more processors;

one or more memory, wherein at least one of the processors and memory are adapted to:

receive information relating to an operation of a first subset of the plurality of network elements;

provide at least a portion of said received information to at least one analysis entity for analyzing said portion of received data and calculating updated control information based on such analysis, wherein the updated control information specifies a limit on the operation of the at least one network element;

receive the updated control information calculated by the analysis entity; and
provide the updated control information to at least one of the network elements.

47. (Amended Once) A computer program product for handling data transmitted within a computer network, the computer program product comprising:

at least one computer readable medium;

computer program instructions stored within the at least one computer readable product configured to:

receive information relating to an operation of a first subset of the plurality of network elements;

provide at least a portion of said received information to at least one analysis entity for analyzing said portion of received data and calculating updated control information based on such analysis, wherein the updated control information specifies a limit on the operation of the at least one network element;

receive the updated control information calculated by the analysis entity; and